ATTACHMENT 3
Urban Streams Restoration Program

Project Description Template (maximum 3 pages)

Does the project include: (check all that apply) __Planning __Implementation __Acquisition __Public Access __Education

Section 1 Describe the current conditions and problems at the site. Include information related to:

- Flooding and erosion issues such as property damage, bank failure, sedimentation, safety hazards etc.
- Environmental issues such as vegetation, invasive species, native wildlife and aquatic species habitat, water quality, etc.
- Stewardship issues such as involving the community and educating them against harmful practices.

Section 2 How will the project address the problems identified in Section 1?

Describe the stream restoration and watershed management techniques that will be utilized in this project. Discuss any biotechnical or other innovative non-structural methods to be utilized. If the project will use conventional construction materials like manufactured block or concrete, describe why these materials were selected vs. other alternatives, and how these materials will be integrated into the landscape in a natural way.

Section 3 How will stream functions change/improve?

Describe specific riverine or riparian functionality that will be established with the project, including but not limited to:

Structures: channel, riparian corridor, floodplain, terrace, pools and riffles, etc.

Processes: transporting sediment, forming and/or reforming bars and pools, flooding onto the floodplain, restoring habitat for threatened or endangered species, or re-establishing wildlife corridors.

Dynamics: re-vegetating to provide shade and erosion control on floodplain, providing food for insects or removing exotic species.

Section 4 Describe the benefits provided by the project.

Describe how the final project design will result in immediate project benefits, including how the project will reduce flooding and/or erosion problems to stabilize the site? Quantify where possible, and provide a basis for the estimate, including any modeling that has been completed.

Does the project remove or improve any culverted, channelized, or other stream impairments that affect flood flow, fish passage, or other environmental factors?

Does the project include any innovative techniques such as biotechnical bank stabilization to reduce flooding or control erosion?

Discuss overall improvements to habitat for fish and wildlife, flood risk and erosion reduction, channel morphology and function, environmental stewardship and community involvement.